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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Date: February 3, 2004

Yevgeniy Eugene Shteyn

Examiner: Krisna Lim

Serial No.: 09/635,549

Art Unit: 2153

Filed: August 10, 2000

Atty Docket No.: US000209

For TOPICAL SERVICE PROVIDES CONTEXT

CERTIFICATE OF FACSIMILE

INFORMATION FOR A HOME NETWORK

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 Attn: Examiner Krisna Lim I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING SENT VIA FACSIMILE TO THE US PATENT OFFICE TO EXAMINER KRISNA LIM AT FACSIMILE NUMBER (703) 872-9306 ON THE DATE INDICATED BELOW.

Sharinga Verboort

Date of Deposit February 3, 2004

BRIEF BEFORE THE BOARD OF APPEALS

This is an appeal from a Final Rejection dated December 15, 2003. A Notice of Appeal was received by the Patent Office on January 21, 2004.

REAL PARTY IN INTEREST

The real party in interest is Philips Electronics North America Corporation.

RELATED APPEALS AND INTERFERENCES

None.

STATUS OF CLAIMS

Claims 1-16 remain in the application and are presented in attached Appendix A. No claims are allowed.

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Claims 1-16 stand as finally rejected under 35 U.S.C. 102(a) as being anticipated by Allan (EP 1 017 206).

STATUS OF AMENDMENTS

Amendments to claims 1- 3, 5, 7-8, 11, 13, and 15-16 were made in Appellant's Response to the Office Action Dated April 25, 2003. Amendments to claims 6, 7, and 9 were made, and claim 5 was cancelled, in Appellant's Response to the Office Action Dated October 29, 2003, but the amendments were not entered. (The claims in the Appendix contain the claims after the amendments made in the Response to the Office Action Dated April 25, 2003.)

The rejections of the claims, for reasons explained below, are clearly erroneous.

SUMMARY OF INVENTION

The present invention is directed to a system for assisting users in finding context-related information for a consumer apparatus. The association of a URL or a unique identifier therefor with the apparatus enables a user to immediately retrieve context information, about, for example, how to use a consumer appliance, warranty program, etc. As explained in the specification:

Note that the ... garbage can, the DVD player, the blender, and the motorcycle itself now has become, in the perception of the user, a topical server. The topical server supplies content information about the apparatus, about its context of its usage. Another way of looking at the invention is that the apparatus has become an icon as if it were part of a graphical user-interface (GUI). Causing the apparatus or its proxy to submit a request based on the URL is similar to clicking an icon on a GUI, the icon being some sort of a graphical representation or metaphor of the documents or application or service associated with it. In the invention, the apparatus is the icon. Accordingly, the user interaction with the networked environment has become highly intuitive. The external service and the apparatus are intuitively associated with each other.

(Page 4, line 22 to page 5, line 1.)

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ISSUES

Whether claims 1-16 would be unpatentable under 35 U.S.C. 102(a) as 1. being anticipated by Alian (EP 1 017 206)?

GROUPING OF CLAIMS

Claims 1-16 stand as finally rejected under 35 U.S.C. 102(a) as being anticipated by Allan (EP 1 017 206). The claims do not stand or fall together.

ARGUMENT

Claims 1-16 are rejected under 35 U.S.C. 102(a) as being anticipated by Allan (EP 1 017 206). Anticipation requires the disclosure in a single prior art reference of each element of the claim under consideration. In re Dillon 919 F.2d 688, 16 USPQ2d 1897, 1908 (Fed. Cir. 1990) (en banc), cert. denied, 500 U.S. 904 (1991). The rejections based on the Allan reference are clearly erroneous because the reference does not disclose all limitations as recited in the claims, as explained below.

Allan Does Not Disclose the Claimed URL or Identifier Therefor_

The Examiner cites col. 1, lines 32-33 in Allan as disclosing a URL or an identifier therefore associated with the apparatus. The cited passage discloses the assignment of a URL to the apparatus for identification of the apparatus on the network. This differs fundamentally from the claimed URL or identifier, which is associated with the apparatus "for initiating retrieval of data from a server

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under control of a predetermined URL or an identifier therefore." In Allan, the assignment of the address to the apparatus does not enable the apparatus to retrieve content from a remote server, as claimed. The Examiner's rejection would require the apparatus to retrieve data from itself, ignoring the recited limitation of "retrieval of data from a server." Because the cited passage in Allan does not relate to an address for a server apart from the apparatus itself, the rejection is clearly erroneous.

Allan Does Not Disclose Content on Context of Usage of a Consumer Apparatus

For unexplained reasons, the Examiner considers that the data flowing to the devices considered to be consumer apparatuses represent content. In the art, content is widely considered information that is presented to a user through an interface so that it may be perceived and used by a user. Data types commonly displayed are text, audio, images, video, or combinations of the foregoing. Appellant has not found the word *content* anywhere in Allan. Allan does not describe the nature of any data that flows to the devices considered to be consumer apparatuses or give any examples. Notably, the data or data streams to the apparatuses can be many things other than content. For example, the data could be or represent software downloads to the apparatuses, control signals, operational status, or monitoring data, database items for storage on the apparatuses, or transactional data. Allan's focus on network infrastructure simply does not entail consideration of the specific nature of data pushed through the network to the apparatuses.

Page 4 of 9 BRIEF BEFORE THE BOARD OF APPEALS Serial No. 09/635,549 Assuming for the sake of argument that content is disclosed in Allan, claim

1 also calls for the retrieval of "data representing content information about the

context of usage of the consumer apparatus." Although the Examiner considers

Allan to disclose "data representing content information about the context of

usage of the apparatus," the Examiner has not disclosed where any such

teaching is specifically found in Allan. Therefore, the Office Action does not

comply with MPEP § 707.07(d) which requires grounds for a rejection to be "fully

and clearly stated." This shortcoming noted to the Examiner in Appellant's

Amendment and Response filed December 5, 2003. In the Advisory Action

dated December 15, 2003, the Examiner responded:

[T]he examiner respectfully disagrees because every elelemnts [sic] of the claimed [sic] are clearly cited by the examiner in the office action.... [that] the citation may not recite the same phrase or languages; however, the broader the claim, the broader the rejection would be. Frankly, the applicant is advised to take a close look at the claimed language, for example, claim 1. In this claim it is nothing more than just retrieving data (content) information from a serve [sic] using URL, and such feature is clearly taught by the reference. Allen [sic], clearly disclosed the use of single or unique internet address to send or to receive information in the network [sic]."

Contrary to the Examiner's assertion, Appellant is not merely claiming retrieval of data from a URL using a server. Full patentable weight must be given to each word in a claim. *In re Wilson*, 424 F.2d 1382, 1385, 165 USPQ 494, 496 (CCPA 1970) ("[a]II words in a claim must be considered in judging the patentability of that claim against the prior art"). The Examiner's comments above disregard this governing principle because they do not address the claim limitation of *context of usage* of a consumer apparatus.

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That Allan does not disclose content for context of usage is not surprising:

Allan provides network infrastructure and does not focus on the nature of data

passed through the infrastructure. In contrast, the claimed invention is directed

to a system for assisting users in finding context-related information for an

apparatus.

The specification gives various examples of context of usage related to certain consumer apparatuses, including a garbage can, DVD players, a blender, and a motorcycle. (See, e.g., pages 3-4.) For example, the association of a URL with an apparatus enables a user to immediately receive context information, about, for example, how to use a consumer appliance, warranty program, etc. The specification encapsulates the meaning of context of usage:

Note that the ... garbage can, the DVD player, the blender, and the motorcycle itself now has become, in the perception of the user, a topical server. The topical server supplies content information about the apparatus, about its context of its usage. Another way of looking at the invention is that the apparatus has become an icon as if it were part of a graphical user-interface (GUI). Causing the apparatus or its proxy to submit a request based on the URL is similar to clicking an icon on a GUI, the icon being some sort of a graphical representation or metaphor of the documents or application or service associated with it. In the invention, the apparatus is the icon. Accordingly, the user interaction with the networked environment has become highly intuitive. The external service and the apparatus are intuitively associated with each other.

(Page 4, line 22 to page 5, line 1.)

In view of the foregoing distinctions on a (1) predetermined URL and/or (2) identifier and/or of content on context of usage, claim 1 and directly and indirectly dependent claims 2-4 are patentably distinct over Allan, and the rejections should be reversed as clearly erroneous.

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Claims 5-16 directly or indirectly recite the limitations of a (1) predetermined URL or identifier therefor and/or (2) content on context of usage and are patentable for at least the same reasons as given above for claim 1. Further, the Examiner has not identified other distinguishing limitations recited in the claims.

Allan Does Not Disclose That the Claimed Consumer Apparatus is Responsive to User-Input

Assuming for the sake of argument that Allan did disclose consumer apparatus from which content on context of usage could be retrieved from a server under control of a predetermined URL (or identifier therefore) associated with the apparatus, other limitations are missing from the prior art. In particular, claim recites that the apparatus is responsive to "user-input for initiating retrieval of data." The Examiner considers Allan to disclose this limitation and cites for this assertion the figures, particularly, Fig. 4, and col. 1, lines 28-29 and col. 2 lines 34-36. However, the figures and cited passages do not mention users on any user interaction with a consumer apparatus. Therefore, the recited limitations are not found in the cited prior art. For this reason alone, the rejections of claims 1-16, which all recite the same or similar limitations, are clearly erroneous.

Other Patentable Distinctions

Regarding claims 2-3 and 5-16, Allan does not disclose a URL or identifier as claimed, as noted above. Nor does Allan disclose storage of such a URL or

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identifier on the home network or the apparatus. Therefore, the recited combinations are patentably distinct over the cited art.

Regarding claims 14-16, the Examiner has not identified any disclosure in Allan corresponding to "creating a database of the type per user." Therefore, a prima facle rejection of these claims has not been made and the rejections are clearly erroneous.

Regarding claims 4, and 11-12, the Examiner has not identified in Allan any remote control device. The Examiner notes that Allan discloses a TV, but even if we assume that a remote TV inherently includes a remote, there is no disclosure that the remote includes a "key dedicated to initiating, via the apparatus, retrieval of data" The passage in Allan cited by the Examiner merely states that the home network has access to the "outside world." This clearly is not anticipatory of the recited limitations. The rejection of claims is therefore clearly erroneous and should be reversed for at least this reason.

Claims 5-10 disclose a proxy device. The proxy device of Allan is not disclosed to represent a consumer device in the manner claimed for the same reasons given above that the consumer apparatuses of Allan do not conform to the limitations of the claims.

Appellant notes that in the Advisory Action, the Examiner declined to enteramended claim 6 on grounds of changed scope. This is puzzling because claim 6 was simply being amended to recite the limitations of its base claim 5, which was being cancelled. Therefore, this amendment does not change the scope of the



claim and should have been entered. Nevertheless, in view of the patentable distinctions noted above, Appellant does not challenge the lack of entry.

CONCLUSION

For one or more of the reasons set forth above, the Board is respectfully requested to reverse the Examiner's rejection of all claims 1-16 and to confirm patentability thereof.

Respectfully submitted,

Date: February 3, 2004

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Appendix A

- 1. A consumer apparatus responsive to a user-input for initiating retrieval of data from a server under control of a predetermined URL or an identifier therefor associated with the apparatus, the data representing content information about the context of usage of the apparatus.
- 2. The apparatus of claim 1, the consumer apparatus configured for use and inclusion on a home network and having an Internet-access functionality through the home network, the predetermined URL or identifier therefor being stored on the home network.
- 3. The apparatus of claim 1, comprising a memory for storage of the URL or identifier therefor.
- 4. The apparatus of claim 1, wherein:
 - the apparatus has a remote control device; and
 - the device has a dedicated button for initiating the retrieval of the data.
- A proxy device for representing an apparatus on a home network, wherein the proxy is responsive to a user-input for initiating, via a gateway, retrieval of data from a remote server under control of a predetermined URL or identifier therefor associated with the apparatus represented, the URL or identifier therefor being stored on the home network.

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- 6. The proxy of claim 5, wherein the data represents content information about the context of usage of the apparatus.
- 7. The proxy of claim 5, storing the URL or identifier therefor.
- 8. The proxy of claim 7, wherein the URL or identifier therefor is programmable.
- 9. The proxy of claim 5, responsive to a wireless signal.
- 10. The proxy of claim 9, for transmitting a further signal with a unique identifier upon receiving the signal.
- 11. A remote control device for control of a consumer apparatus included on a home network, wherein:
- the device has a key dedicated to initiating, via the apparatus, retrieval of data
 from a server based on a predetermined URL or identifier therefor associated with the
 apparatus and stored on the home network; and
 - the data represents content information specific to the context of usage of the apparatus.

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- 12. The device of claim 11, storing an identifier representative of a URL of a file at the server.
- 13. A method of enabling a service provider to provide a service via the Internet to a user of a consumer apparatus having a predetermined identifier associated therewith, the identifier being stored on a home network including the apparatus, the method comprising:
- enabling the user to initiate via the apparatus sending of a request with the identifier representative of a type of the apparatus to a server on the Internet; and
- based on the identifier, the server initiating user access to a web page with content information about a context of using the apparatus.
- 14. The method of claim 13, comprising creating a data base of the type per user.
- 15. The method of claim 13, comprising creating a data base of URLs or identifiers therefor per user.
- 16. The method of claim 13, comprising providing the apparatus with a URL or other identifier for a web page.

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Appendix A

- 1. A consumer apparatus responsive to a user-input for initiating retrieval of data from a server under control of a predetermined URL or an identifier therefor associated with the apparatus, the data representing content information about the context of usage of the apparatus.
- 2. The apparatus of claim 1, the consumer apparatus configured for use and inclusion on a home network and having an Internet-access functionality through the home network, the predetermined URL or identifier therefor being stored on the home network.
- The apparatus of claim 1, comprising a memory for storage of the URL or identifier therefor.
- 4. The apparatus of claim 1, wherein:
 - the apparatus has a remote control device; and
 - the device has a dedicated button for initiating the retrieval of the data.
- 5. A proxy device for representing an apparatus on a home network, wherein the proxy is responsive to a user-input for initiating, via a gateway, retrieval of data from a remote server under control of a predetermined URL or identifier therefor associated with the apparatus represented, the URL or identifier therefor being stored on the home network.

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- 6. The proxy of claim 5, wherein the data represents content information about the context of usage of the apparatus.
- 7. The proxy of claim 5, storing the URL or identifier therefor.
- 8. The proxy of claim 7, wherein the URL or identifier therefor is programmable.
- 9. The proxy of claim 5, responsive to a wireless signal.
- 10. The proxy of claim 9, for transmitting a further signal with a unique identifier upon receiving the signal.
- 11. A remote control device for control of a consumer apparatus included on a home network, wherein:
- the device has a key dedicated to initiating, via the apparatus, retrieval of data

 from a server based on a predetermined URL or identifier therefor associated with the

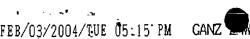
 apparatus and stored on the home network; and
- the data represents content information specific to the context of usage of the apparatus.

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- 12. The device of claim 11, storing an identifier representative of a URL of a file at the server.
- A method of enabling a service provider to provide a service via the Internet to a 13. user of a consumer apparatus having a predetermined identifier associated therewith, the identifier being stored on a home network including the apparatus, the method comprising:
- enabling the user to initiate via the apparatus sending of a request with the identifier representative of a type of the apparatus to a server on the Internet; and
- based on the identifier, the server initiating user access to a web page with content information about a context of using the apparatus.
- The method of claim 13, comprising creating a data base of the type per user. 14.
- The method of claim 13, comprising creating a data base of URLs or identifiers 15. therefor per user.
- 16. The method of claim 13, comprising providing the apparatus with a URL or other identifier for a web page.

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Date

February 3, 2004

To

Krisna Lim

From

Bradley M. Ganz

Re

Serial No.09/635,549; Our file: US000209

Tel

Fax

(703) 872-9306

Pages

39 + cover sheet

Dear Examiner Lim:

Please find attached the following documents in connection with the aboveidentified application:

- Transmittal;
- Fee transmittal (in duplicate); and
- Appeal Brief and Appendix A (in triplicate).

Sincerely,

Bradley M. Ganz

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid QMB control number. Complete If Known FFF TRANSMITTAL 09/635.549 Application Number August 10, 2000 Filing Date for FY 2004 Yevgenly Eugene Shteyn First Named Inventor Effective 10/01/2003. Patent fees are subject to ennual revision. Krisna Lim **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 2153 Art Unit (\$) 330.00 US000209 TOTAL AMOUNT OF PAYMENT Attorney Docket No FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) 3. ADDITIONAL FEES Other None Check Credit card Order Large Entity , Small Entity ✓ Deposit Account: Fe¢ (\$) Fee Fee Description Fee Paid Code Code (\$) Deposit 50-1001 2051 65 Surcharge - late filing fee or oath 1051 130 Number Surcharge - late provisional filing fee or 25 1052 50 2052 Deposit Bradley M. Ganz cover sheet Account 130 Non-English specification Name 1053 130 1053 The Director is authorized to: (check all that apply) 1812 2,520 For filing a request for ex parte reexamination 1812 2,520 Credit any overpayments Charge fee(s) Indicated below 1804 920 Requesting publication of SIR prior to 1804 920 Charge any additional fee(s) or any underpayment of fee(s) Requesting publication of SIR after Examiner action Charge fee(a) indicated below, except for the filing fee 1805 1.840 1805 1.840* to the above-identified deposit account Extension for reply within first month 1251 110 2251 . 55 **FEE CALCULATION** 210 Extension for reply within second month 2252 1252 420 1. BASIC FILING FEE 475 Exension for reply within third month 2253 1253 950 Small Entity arge Entity Fee Paid 740 . Extension for reply within fourth month 2254 Fee Description 1254 1.480 (\$) (\$) 1,005 Extension for reply within fifth month 1255 2,010 2255 Littlety filling fee 1001 770 2001 385 1401 330 2401 165 Notice of Appeal Design filing fee 1002 340 2002 170 330:00 2402 185 Filing a brief in support of an appeal 1402 330 2003 265 Plant filing fee 1003 530 2403 - 145 Request for oral hearing 1403 290 2004 385 Reissue filing fee 1004 770 1451 1,510 Patition to Institute a public use proceeding 1451 1.510 2005 Provisional filing fee 1005 180 55 Petition to revive - unavoldable 1452 110 2452 SUBTOTAL (1) (\$) 1453 1.330 2453 665 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 665 Utility Issue fee (or reissue) 1501 1,330 2501 1502 480 2502 240 Design issue fee Extra Claims below Total Claims 2503 320 Plant issue fee 1503 640 Independent Claims 130 Petitions to the Commissioner 1460 130 1460 Multiple Dependent . 50 Processing fee under 37 CFR 1.17(q) 1807 50 1807 180 Submission of Information Disclosure Strnt Small Entity 1808 Large Entity 1806 180 40 Recording each patent assignment per Fee Description 40 8021 Code (\$) 8021 Code (\$) property (times number of properties) Claims in excess of 20 1202 18 2202 385 Filling a submission after final rejection (37 CFR 1.129(a)) 770 2809 1809 Independent claims in excess of 3 43 2201 86 1201 385 For each additional invention to be 2203 145 Multiple dependent claim, if not paid 1810 ``77D 2810 1203 290 examined (37 CFR 1.129(b)) 2204 Reissue independent claims 1204 86 385 Request for Continued Examination (RCE) 2801 over original patent 900 Request for expedited examination 1802 900 1802 ** Reissue claims in excess of 20 2205 · A 1205 of a design application and over original patent Other fee (specify) (\$) SUBTOTAL (2) *Reduced by Basic Filing Fee Paid (\$) 330.00 SUBTOTAL (3) or number previously paid, if greater, For Reissues, (Complete (if applicable)) SUBMITTED'BY Registration No. Telephone 503-224-2713 Name (Print/Type) Bradley M. Ganz February 3, 2004 Signature

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